# **Crypto Chasers Confidential**

Saturday, February 3, 2018

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# Telcoin (TEL) Analysis

Type: Token

Circulating Supply: 20,970,629,778 TEL Total Supply: 100,000,000,000 TEL Marketcap: \$99,213,308 USD

Whitepaper Style: Non-technical, more of a marketing document

Official Website
Coinmarketcap
Source Code
Whitepaper

#### Coin Supply Breakdown from the official website:

# Coin supply breakdown

A total of 100,000,000,000 coins will be created and distributed as shown here. A total of 25% of the coins are allocated for our ICO.

Tokens allocated to the Telcoin team members will be vested over a 12 month period.

Telco issuance (over 10 years): 5	0%
ICO: 25%	
Telcoin Pte Ltd.: 15%	
•	
Liquidity fund: 5%	

#### Telcoin ICO statistics taken from ICODrops

#### **MARKET & RETURNS** Telcoin token price Returns since ICO \$0.00473106 (+36.29%) 0.0000048585 ETH 3.66x 2.67x 5.09x 0.00000051 BTC USD ETH BTC 24h Volume Market Cap These numbers show how much the token price has \$2,903,560 \$99,213,308 changed relative to the initial ICO token price.

#### **About**

Crypto Chasers Confidential - Telcoin (TEL) Analysis, Subscribe to <a href="https://t.me/cryptochasersconfd">https://t.me/cryptochasersconfd</a> for more free high quality ICO, coin and token analysis, request a coin analysis by DM and follow us on Twitter @crypto\_chasers

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(DYOR)

Telcoin is focused on connecting with mobile networks globally, enabling easy conversion between telecom mobile money, prepaid credit and postpaid billing platforms. Telcoin wants to target the over 5 billion user telecom market by allowing for super cheap transfers acros telecommunication platforms. Telecoin also wants to target global remittances (international global spending) and aims to disrupt that market.

Here's a thorough explanation into what Telecoin exactly is taken directly from their whitepaper:

Telcoin is a new cryptocurrency based on the Ethereum blockchain that will be distributed by your national telecom operator and made available to everyone, anytime, anywhere. This is the core of our business, and mobile network operators will be at the center of our strategy.

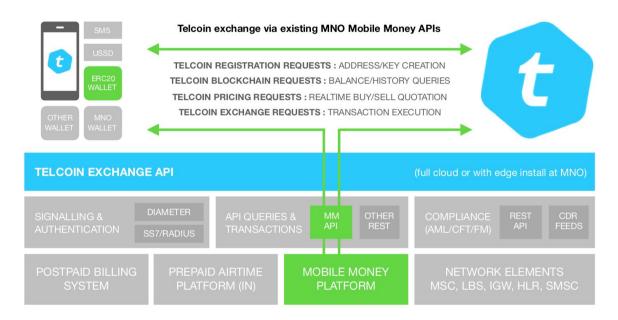
Telcoin is the first cryptocurrency to tap into synergies between the reach of mobile telecoms and the fast, borderless nature of blockchain technology. According to the World Bank, there are nearly five times as many mobile phones in the world (5 billion), as there are active bank accounts (1.2 billion). 1 It's a lot easier to access mobile phone services than banking services, and we aim to capitalize on that disparity.

We will initially offer Telcoin to our mobile network partners, providing their customers with seamless access to the digital economy: online remittances, transfers, payments, and ecommerce. We will also provide the necessary marketing and product development resources to nurture the Telcoin ecosystem, in a joint effort with our telecom partners.

Our objective is not to compete with telecom mobile money, but to cooperatively participate in the overall mobile money ecosystem. We see ourselves as a complementary solution; a tool that will increasingly bring users to mobile money, cryptocurrency-backed solutions, and mobile wallets. Our goal is to become one of the cornerstone financial inclusion efforts of the 21st century and we want to cooperate with actors who we believe can play a critical role in this process, namely mobile network operators.

## Telcoin Exchange API

Telcoin will offer a flexible application programming interface, the Telcoin Exchange API, to provide operators a number of integration options. Initial implementations will focus on simple connectivity to existing mobile money APIs. We will support any mobile network or third party wallet, enabling us to rapidly deliver an end-to-end solution. With our mission of financial inclusion in mind, Telcoin will work diligently to support feature phones as well, via native/SIM apps, SMS, and USSD.



#### What makes Telecoin different from other ERC20 tokens?

This section is taken from their official whitepaper:

Telcoin is going to be sold to purchasers during the initial token sale, and then offered at no charge to partner mobile operators. Technically, the supply of coins intended for telco issuance will be issued to Telcoin Pte Ltd, and then offered to telecoms at a rate depending on their stage of Telcoin integration, as described below in the Telcoin Issuance Model.

# But wait... Are telecommunications providers even considering using cryptocurrency or blockchain technology?

This <u>article</u> from Venture Beat dated September 8, 2017 might provide some insight into this:

SoftBank Corp. and Sprint announced today that they have created a new consortium they hope will encourage telecom carriers to adopt blockchain technologies.

Dubbed the Carrier Blockchain Study Group, or CBSG, the group initially consisted of those two giants, plus <u>TBCASoft</u>, a startup that is developing blockchain services for the telecom industry. As a starting point, the three partners have been testing a "cross-carrier payment platform system" that harnesses TBCASoft's blockchain tools.

More recently, Taiwanese telecom company Far EasTone joined the group, leading to the decision to create a consortium and invite other telecom players to join in the development and trials of blockchain services.

The consortium hopes to further examine how blockchain can create a more fluid system of payments between various players in the telecom ecosystem, in terms of carriers paying each other, authenticating users and customers, and using crypto currencies to reload pre-paid plans.

## Does Telcoin have any plans to work with CBSG?

We couldn't find any news regarding Telcoin and CBSG but we encourage readers to stay on the lookout for any updates regarding this, the <u>one article</u> we did find mentioned both CBSG and Telcoin but did not say anything in regards to a connection between the two - it just said "globally there is a lot of interest for Telcoin" and that's all.

## **Team**

Okay, now that we have some background in regards to what Telcoin actually is and what it is striving to do let's look at the team. Before looking at the team, we're expecting a team heavy on those with finance, and blockchain experience as well as experience in the telecommunications business. Additionally a highly rated team here would be striving to partner with large telecom companies by leveraging their excellent connection. Let's take a look:

# **Claude Eguienta**

Title: Co-founder and CEO of Telcoin LinkedIn



This is Claude the CEO of Telcoin, on the official website he is summarized as: Distributed systems and crypto background. former CyberAgent. Founded Kabotip. Advisor at TenX.

#### Let's take a look at his previous experiences on LinkedIn:



Telcoin aims to promote financial inclusion through a cryptocurrency – Telcoin – that will give an entirely new generation, especially the underserved and unbanked, access to the digital economy through a safe cryptocurrency that people can access and trust.

Telcoin is the first cryptocurrency to tap into synergies between the reach of mobile telecoms and the fast borderless nature of blockchain technology. By partnering with telecommunications operators across the world, Telcoin will be offered to mobile network partners, allowing their customers to participate in the overall mobile money ecosystem.

Telcoin is planning an initial coin offering (ICO) in December 2017. Telcoin investor include East Ventures Managing Partner and Mixi Co-Founder, Batara Eto.

For more information, please visit http://www.telco.in/



Co-Founder, CEO
Kabotip
Feb 2013 – Mar 2016 • 3 yrs 2 mos
Tokyo



Software & System Architect CyberAgent Feb 2012 – Jul 2013 • 1 yr 6 mos

Looks like he was the Co-founder and CEO of Kabotip before this, let's check out what this Kabotip is about... Searching for Kabotip on Google seemed to be a futile exercise as we couldn't find much of any information regarding it, we did however find an <a href="ICO analysis">ICO analysis</a> of Telcoin with the following information in regards to the team:

Co-founder and CEO Claude Equienta studied in China and France before working out of Singapore as a co-founder of a startup Kabotip. Kabotip appears to have existed until February 2016 and then experienced some technical difficulties and disappeared that same month. He spent a total of 3 years on his startup and, with the support of the OnLab incubator, acquired a total user base of a couple of hundred users until their ultimate shutdown. Recently, he has been advising cryptocoin TenX with their recent ICO and launch.

Claudes co-founder, Paul Neuner, founded Mobius, a fraud management solution that is used at 30 mobile operators globally. While he is currently the CEO of Mobius, it is unclear what other roles Paul has fulfilled in the decade between university and Mobius.

Claude and Paul have surrounded themselves with a range of technical experts to assist with the development of the Telcoin stack, many coming from Claudes previous venture Kabotip. It is refreshing to see a core team not swamped with investors and other backers who may have a different motivation to the team.

We did also find this article which talked about Kabotip in the OnLab incubator's demo day, we ran Google translate on the part that mentioned Kabotip and got:

5: KABOTIP (small amount settlement to contents)

In content posting platform, browsing users can pay tips to performers. It is a service with a sense of deceiton. It looks like Grow. I think that it is difficult to establish as a culture because one-time small amount settlement is not made as past failure or user's custom.

For example, even if the article of The Startup is set at 200 yen or so, there are few users who continuously charge there, and if it is, then I think that it would be better to take it to a salon by monthly billing. I thought it was a bit harsh market.

We also found Kabotip on Google Play Store but it only had 100 - 500 installs and was last updated in February, 2016.

So far we aren't very impressed with the credentials of Claude, we expected someone with at least some experience in telecommunications or finance / blockchain.

## **Paul Neuner**

Title: Co-founder and Chairman of Telcoin LinkedIn



This is Paul, Co-founder and chairman of Telcoin, according to his LinkedIn he has some experience in telecom in that he founded Mobius a telecom fraud prevention company in 2006. According to Mobius' LinkedIn bio:

Mobius Wireless Solutions provides telecommunications software solutions for mobile operators globally, specializing in business analytics and revenue assurance. Mobius solutions include

the DBX Datawarehouse, DBX Analytics, Mobius SIM Suite, and Gatekeeper Fraud Detection service.

From the Mobius official website:

Mobius Wireless Solutions provides Business Support System (BSS) solutions for mobile operators around the globe, primarily in the areas of Data Warehousing, Revenue Assurance and Fraud Management. Mobius customers include GSM, CDMA and iDen networks globally, ranging from 100K to 70M+ subscribers. Founded in 2005, Mobius has offices in Singapore, China, Japan, USA and Dubai, providing timely customer support to customers around the world.

Mobius is focused on being the premier provider of Cloud-based solutions to Mobile Operator RA / FM Departments. We are a powerful, scalable, and affordable alternative to capital intensive competitors. Mobius utilizes a Software-as-a-Service (SaaS) model – monthly OpEx fees vs. upfront CapEx heavy solutions. Recently, Mobius has added DataSentry for mobile. Mobius also provides its services at the Regulator level. If Regulatory Compliance analysis and reporting is required by a National Ministry or Commission, Mobius provides reporting on traffic, QoS and revenue accuracy. Mobius uses its easy-to-deploy cloud solution along with its experience with fraud detection and revenue assurance to provide the Regulator with near real-time, actionable reporting.

Mobius is an associate member of the GSM Association. In 2012, Mobius was named a Red Herring 2012 Top 100 Asia Finalist. Mobius is a regular participant in GSMA Fraud Forums, was the Platinum Sponsor of the 2012 GSMA Asia Fraud Forum in Kuala Lumpur, and hosted the 2013 GSMA Asia Fraud Forum in Beijing.

The below information is taken from Manta:

# Mobius Wireless Solutions Limited



Own This Business?

Mobius Wireless Solutions Limited is a privately held company in Ashburn, VA and is a Single Location business.

Categorized under Business Consultants. Our records show it was established in 2013 and incorporated in Virginia. Current estimates show this company has an annual revenue of 73964 and employs a staff of approximately 1.

According to the Mobius website - they have location internationally in the USA, Shanghai, Singpore and Dubai.

We'll give Paul the benefit of the doubt, he seems to be in connection with telecom companies and has been involved with the telecom industry since 2006.

The last team member we will analyze is the lead developer or CTO. We expect strong computer science and technical experience from teh lead developer and with at least some experience with blockchain technology. For the lead developer we believe that a Computer related degree is a must and coding experience of having worked on highly technical endeavors. We will also take a look at the lead developer's GitHub if it exists and see if they have any open source technical work to show.

## Simo Kinnun

Title: Lead Developer at Telcoin

**LinkedIn** 



This is Simo, according to his LinkedIn Simo, like Claude, was also a Systems Engineer at <u>CyberAgent</u>, prior to helping start Telcoin. we looked into CyberAgent briefly and found that they're a Japanese company that offers internet advertisement, television, and a multitude of other products. His past experience as a developer is pasted from LinkedIn below:

# Experience



#### **Tech Lead**

#### Telcoin

Oct 2017 - Present • 5 mos

#### **Senior Software Engineer**

#### headspin HeadSpin

Jul 2016 - Present • 1 yr 8 mos



#### CTO

#### HouseCare

Sep 2015 - Jul 2016 • 11 mos



## **System Engineer**

#### CyberAgent

Feb 2012 - Aug 2015 • 3 yrs 7 mos

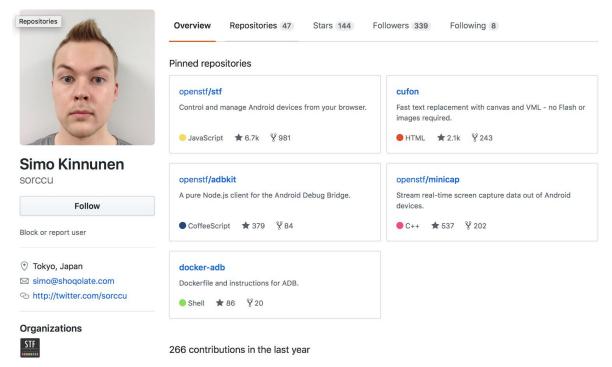


## **Software Engineer**

#### CRASMAN Crasman Co Ltd

Oct 2007 - Oct 2010 • 3 yrs 1 mo

Implementation and planning of multiple web projects for a variety of clients, including many publicly traded companies.



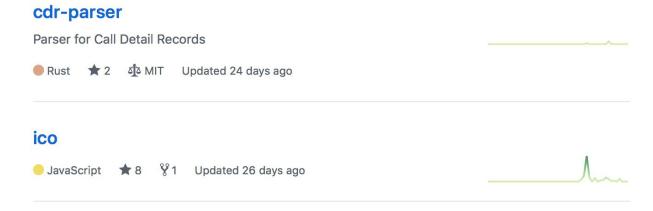
We found <u>Simo on GitHub</u>, note his GitHub was not included on the website and he has 266 contributions in the last year - it is a red flag that none of his repositories have anything to do with blockchain development. You're telling me you're the lead developer of a blockchain telecommunications project and you have no open source experience with blockchain development?!

On that note, let's take a look at the official GitHub page for Telcoin. An excellent GitHub for us is defined as one that includes active development, something different from just a simple ERC20 token template and multple contributors. Often we do realize that some projects do a lot of development closed source but there should be at least some indication that the devs are adept at blockchain technology.

You can view the rest of the team <u>here</u> and do your own analysis on the rest of the members. We usually only analyze the top 3 or 4 members of any coin.

# **Official Telcoin GitHub**

We understand that Telcoin is just a simple ERC20 token for now but in their whitepaper they also specified that they are developing a communications API, we've seen a lot of coins most notably Byteball which allows users to make transactions via chat apps, SMS, and even email.



Based on what is publicly available on their GitHub - development seems to be moving very slow their last updated repository was a parser for Call Detail Records (CDRs). According to Wikipedia:

A call detail record (CDR) is a data record produced by a telephone exchange or other telecommunications equipment that documents the details of a telephone call or other telecommunications transaction (e.g., text message) that passes through that facility or device. The record contains various attributes of the call, such as time, duration, completion status, source number, and destination number. [1][2][3] It is the automated equivalent of the paper toll tickets that were written and timed by operators for long-distance calls in a manual telephone exchange.

We took a look at the Rust code for the CDR parser and found very little technical sophistication. The ICO code was scaffolded wth <u>Truffle.js</u> a popular Ethereum framework. If you want to create your own ICO that is identical to the Telcoin ICO in a technical manner there are many tutorials that will let you get there within a day such as this one.

Overall we were not very impressed with the technical sophistication of the GitHub.

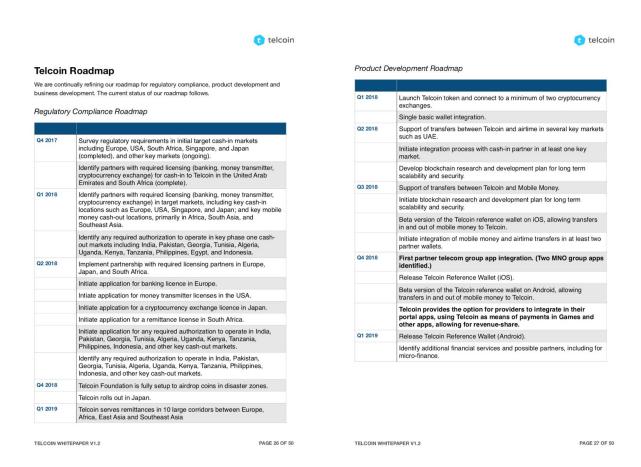
# 2018 Roadmap

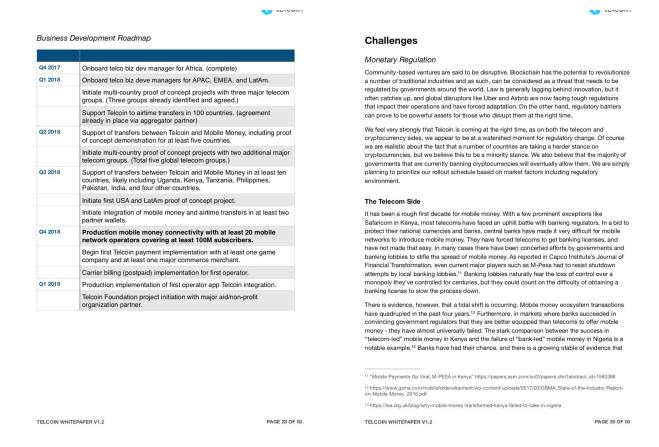
Another metric we look at closely is the technical roadmap, note if a roadmap is full of regulatory hurdles or things that require partnerships we do not rate it as high as a roadmap that is more on the technical side and has clear development goals set out. The roadmaps for Telcoin are listed in their whitepaper:

# Telcoin Roadmap

Regulatory Compliance Roadmap	26
Product Development Roadmap	27
Business Development Roadmap	28

They have three roadmaps listed in their whitepaper - with one being a regulatory compliance whitepaper.





We understand that following regulations has become a selling point for a lot of new coins and this could be seen as a positive for a lot of potential investors - **but** - what happens if the coin fails to get the proper licenses, we understand that international regulatory standards differ between countries and that sometimes getting certain licenses may take longer than usual. Also we do consider it a red flag that the product development roadmap is shorter than the regulatory compliance roadmap.

#### **Whitepaper**

We expect a strong whitepaper to be very technical and have lots of mathematics and analytical summarization - almost akin to a research paper released by a university. When we see a whitepaper which is mostly marketing material or one that does not provide any sort of information to differentiate the coin from others - we rate that whitepaper very low.

Taking a look at the Telcoin whitepaper table of contents we are immediately not impressed.

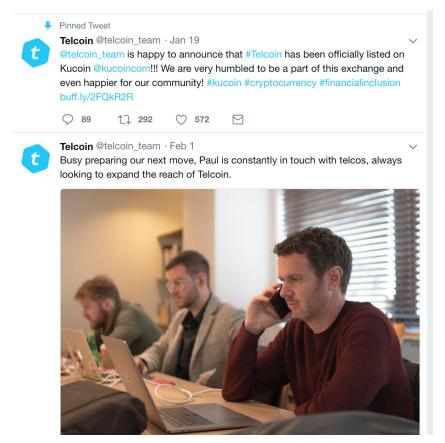
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A large part of the whitepaper that is 9 pages lists out the challenges which include regulatory, general cryptocurrency, and security challenges. There is no fundamental analytics or mathematics associated with the document besides bar graphs and unsubstantiated statistics.

#### **Social Media and Outreach**

<u>Telcoin official Reddit</u> - The Telcoin official Reddit has 2,500 readers, you can view the <u>frequently asked questions post</u> to get even more information in regards to the coin - very little posts in regards to partnerships or technical development on the Reddit as of right now

<u>Telcoin official Twitter</u> - The official Twitter account has 15.3K followers and was created in August 2017.



Here's a screenshot of the last few tweets.

#### Conclusion

Fundamentally as of right now we do not rate Telcoin has **sound**. The reasons for this are the amount of regulatory hurdles the coin has to go through to become a reality, current lack of strong technical open source development, and lack of a team with prior strong technical skils in blockchain development. There are also no blockchain superstar developers - these are the Dan Larimers, former Neo employees, former ETH developers, former Bitcoin developers and open source blockchain heroes that we see often leading superstar projects like NEO. The coin was recently added to Kucoin and is being accepted to more platforms so in the short term we may seem some rises there - but we expect it to level off as interest falls - and if there isn't strong technical development for an extended period of time we don't think this is something to hold for the long term.